

THRAKON SEAL POOL

SILICONE FOR PERMANENT WATER IMMERSION

DESCRIPTION

Neutral silicone with excellent adhesion. Suitable for application permanently under water (e.g pools).

Resistant to chlorine. Color: transparent. Exhibits high mechanical strength and excellent resistance to deformation.

FIELDS OF APPLICATION

Is resistant for application in permanent immersion in water, such as pool :

- Kitchen
- Bathrooms
- cars
- Caravans
- Boats
- Glazing and building construction

Can also be used for sealing:

- Porcelain
- Stainless steel
- Aluminum and other metals

It is also recommended for

- Finished wood
- Epoxy or polyester panels

Also suitable for:

- Glass
- Polycarbonate
- Polyester
- Foam

Not recommended for aquariums.

FEATURES – ADVANTAGES

- Strong adhesion
- High strength
- Resistance to deformation
- Resistance to aging and water
- Suitable for indoor and outdoor use
- You need not priming
- Resistance to temperature from -50°C έως +200°C

APPLICATION

The cartridge is placed in the special gun and then the nozzle is cut sideways so as not to penetrate, but just touches side of the joints.

Apply the cartridge at an angle 45° to the axis of the joint, while the silicone is still fresh is smoothed with a spatula.

Surfaces must be clean and dry. Make sure the surface is dry before you apply. If necessary, use an appropriate primer. Recommended before the final application to do a test. For application in pools requires the use of appropriate primers.

SUBSTRATE PREPARATION

The substrate must be free of dust and loose particles, oils etc.

Consists cleaning of joints with brush and then we blow with compressed air.

NOT RECOMMENDED

For application at:

- Aquariums
- PMMA*
- Polypropylene (PE)
- Polyethylene (PP)
- Teflon

- Bituminous surfaces
- Surfaces of wax or paraffin
- Areas of marble and natural stone

Application in areas not ventilated or not contact with UV rays may result to a slight yellowing of the silicone.

CONSUMPTION

Width x Depth (mm) joint	Total length in m per cartridge 280 ml	Required cartridges per 100 m
4 X 4	19,4	5
5 X 5	12,4	8
8 X 5	7,8	13
8 X 8	4,8	21
10 X 8	3,9	26
10 X 10	3,1	32
12X8	3,3	30
12 X 10	2,6	39
15 X 10	2,1	48
15 X 12	1,7	59
15 X 15	1,4	71
18 X 10	1,7	59
18 X 15	1,1	91
20 X 10	1,5	67
20 X 15	1,0	100
25 X 12,5	0,9	111
25X15	0,8	125

PRECAUTIONS

Contains oxime 2 – butanone and may cause allergic reaction.

CLEANING OF TOOLS

Tools should be cleaned thoroughly, as the material is still fresh with water. After hardening of the material, the tools mechanically cleaned.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Basis			Alkoxy
Colour			Transparent
Density	(g/ml)		1,03
SHORE A hardness (3s)		ISO 868	16
Modulus of elasticity 100%	MPa (N/mm ²)	ISO 8339	0,30
Application temperature	(°C)		+5 έως +40
Temperature resistance after use	(°C)		-50 έως +120
Skin over time	(min)		15
Shrinkage	(% g/g)		<5
Application rate (3mm / 6,3 bar)	(g/min)		150
Flow	(mm)	ISO 7390	<2
Self life	(μήνες)		12
Joint movement capability	(%)		25
Tensile strength	MPa (N/mm ²)	DIN 53504	1,0
Curing speed (25°C – 50% RH)	(mm/ημέρα)		4,5 mm /1 day
Skin over time (25°C – 50% RH)	(min)		15
Elongation at break	(%)	DIN 53504	400
Frost resistant till -15°C during transport			Ναι
Paintable after curing			Όχι

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.